

IN THE SPECIFICATION

✓ *rule 1.26*
10
Please amend paragraph 2, page 5 in the specification as follows:

Sub D2
11
Events having the same name occur synchronously in machines in which the respective event is defined. In the present exemplary embodiment, the event "scan" occurs if the state machine of the system behavior (compare Figure 7) is in state "0" or, respectively, the state machine of the specific system behavior according to Figure 8 is in state 0 801 or in state 1-802, and if the state machine of the specific system behavior according to ~~figure 9~~ *figures 9A and 9B* is in state 903 or 913, respectfully.

✓ *rule 1.26*
11
Please amend paragraph 6, pages 9-10 in the specification as follows:

Sub D3
11
After the system behavior has been identified, the specific system behavior is determined which relates to a behavior of the complete process with regard to the task to be controlled. The associated state machine for the specific system behavior of the error recovery is shown in Figure 8. In Figure 8, there are ~~two~~ marked states 801 and to 807, where state 801 ~~being~~ is simultaneously the start and an end state of the state machine. The specific system behavior "error recovery" can be terminated in each case in states 801 and 807.

✓ *rule 1.26*
11
Please amend paragraph 2, page 10 in the specification as follows:

Sub D4
According to the above statements, the validation is then performed. To this end, a number of iterations which, finally, lead to the solution according to Figure 7 to ~~Figure 9~~ Figures 9A and 9B are shown according to Figure 2 (compare transition from validation 202 to structuring 201: iteration).

✓ *rule 1.26*
11
Please amend paragraph 5, page 10 in the specification as follows:

Sub D5
11
Figures 8 and ~~9~~ 9A and 9B show the controlled specific system behavior corresponding to the predetermined functionality of the complete process. ~~For this purpose~~ Figures 9A and 9B illustrate

Sub 35
Pat

states 901 and 907 and 911 to 917 respectively. ~~three~~ Three tasks have been identified which are executed in parallel: error recovery, scan test, and vacuum test. The error recovery, in particular, is only activated if both the scan test 104 and the vacuum test 103 occur in a marked state (compare state ~~6~~ 807 in Figure 8 or states 907, 917 in Figures 9A & B respectively). The scan test 104 and the vacuum test 103 are only activated if the error recovery is in the initial state (compare state 0 or 801 in Figure 8).
